UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bernd Riedl et al.

Serial No.: 10/042,203

Group Art Unit: 1625

Filed: January 11, 2002

Examiner: Rita J. Desai

For: ω-CARBOXYARYL SUBSTITUTED DIPHENYL UREAS AS RAF KINASÉ

**INHIBITORS** 

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.56, 1.97 and 1.98

**Assistant Commissioner for Patents** Washington, D. C. 20231

Sir:

Applicant(s) hereby disclose the information listed in the attached form PTO-1449. Copies of the references cited as well as the registration certificates for Iran Patent No. 26555 and Lebanese Patent No. 6124 were provided earlier. An electronic copies of the patents and publications cited (other than the Iranian patent and Lebanese patent) have been provided on the accompanying compact disk.

Copies of the search reports and notices of references cited have been provided as well as copies of the claims in the copending applications identified below.

Pursuant to 37 CFR §1.97 and §1.98, Applicant identifies the following related copending applications.

Title: Inhibition of RAF Kinase Activity Using Aryl Ureas

Inventor(s): Jill Wood et al.

Filed January 8, 2001, Serial No. 09/755,060

Status: Published

Claims pending as of 6/23/03 attached

06/27/2003 HBLANCO 00000020 10042203

2 FC:1806

02 FC:1306

Title: RAF Kinase Inhibitors Inventor(s): Jill Wood et al.

180.00 Filed May 21, 1998, Serial No. PCT/US98/10376

No U.S. National Phase

Title: Inhibition of p38 Kinase Activity by Aryl Ureas Inventor(s): Gerald Ranges et al. Filed September 7, 2001, Serial No. 09/947,761 Claims pending as of 6/23/03 attached

CERTIFICATE OF MAILING

hereby certify that this correspondence is being deposited with the U.S. Postal Services as First Class Mail in an envelope addressed to: missioner of Pr

BAYER 25

Title: Inhibition of p38 Kinase by Aryl Ureas

Inventor(s): Gerald Ranges et al.

Filed May 21, 1998, Serial No. PCT/US98/10375

No U.S. National Phase

Title: Inhibition of RAF Kinase Using Symmetrical and

Unsymmetrical

1.

Substituted Diphenyl Ureas Inventor(s): Scott Miller et al.

Filed December 22, 1998, Serial No. 09/776,936

Claims pending as of 6/23/03 attached

Title: Inhibition of RAF Kinase Using Symmetrical and

Unsymmetrical

Substituted Diphenyl Ureas Inventor(s): William Scott et al.

Filed December 22, 1998, PCT/US98/26081

No U.S. National Phase

Title: Inhibition of RAF Kinase Using Substituted Heterocyclic Ureas

Inventor(s): Jacques Dumas et al.

Filed: August 18, 2000, Serial No. 09/640,780

Claims pending as of 6/23/03 attached

Title: Inhibition of RAF Kinase Using Substituted Heterocyclic Ureas

Inventor(s): Jacques Dumas et al.

Filed December 22, 1998, PCT/US98/26078

No U.S. National Phase

Title: Inhibition of RAF Kinase Using Aryl and Heteroaryl Substituted

Heterocyclic Ureas

Inventor(s): William Scott et al.

Filed December 27, 1998, Serial No. 09/472,232

Claims pending as of 6/23/03 attached

Title: Inhibition of RAF Kinase Using Aryl and Heteroaryl Substituted

Heterocyclic Ureas

Inventor(s): Jacques Dumas et al.

Filed December 22, 1998, PCT/US98/26082

No. U.S. National Phase

Title: Inhibition of P38 Kinase Activity Using Symmetrical and

Unsymmetrical Diphenyl Ureas

Inventor(s): Scott Miller et al. Filed February 1, 2002, Serial No. 10/060,396 Claims pending as of 6/23/03 attached

Title: Inhibition of p38 Kinase Using Symmetrical and Unsymmetrical

Diphenyl Ureas

Inventor(s): Scott Miller et al.

Filed: December 22, 1998, PCT/US98/27265

No U.S. National Phase

Title: Inhibition of P38 Kinase Using Substituted Heterocyclic Ureas

Inventor(s): Jacques Dumas et al.

Filed December 10, 1999, Serial No. 09/458,014

Claims pending as of 6/23/03 attached

Title: Inhibition of p38 Kinase Activity Using Substituted Heterocyclic

Ureas

Inventor(s): Jacques Dumas et al.

Filed December 22, 1998, PCT/US98/26080

No U.S. National Phase

Title: Inhibition of p38 Kinase Activity Using Aryl and Heteroaryl

Substituted Heterocyclic Ureas
Inventor(s): Jacques Dumas et al.
Filed December 22, 1998, Serial No. 09/776,935
Claims pending as of 6/23/03 attached

Title: Inhibition of p38 Kinase Activity Using Aryl and Heteroaryl

Substituted Heterocyclic Ureas Inventor(s): Jacques Dumas et al.

Filed: December 22, 1998, PCT/US98/26079

No U.S. National Phase

Title: Inhibition of RAF Kinase Quinolinyl, Isoquinolinyl or Pyridyl

Ureas

Inventor: Jacques Dumas et al.

Filed April 19, 2002, Serial No. 10/125,369

Claims pending as of 6/23/03 attached

Title: Inhibition of RAF Kinase Quinolinyl, Isoquinolinyl or Pyridyl

Ureas

Inventor: Jacques Dumas et al.

Filed April 19, 2002, Serial No. PCT/US02/12066

No U.S. National Phase

Title: Heteroaryl Ureas Containing Nitrogen Hetero-Atoms As p38

Kinase Inhibitors

Inventor: Jacques Dumas et al.

Filed April 20, 2001, Serial No. 09/838,286 Claims pending as of 6/23/03 attached

Title: Heteroaryl Ureas Containing Nitrogen Hetero-Atoms As p38

Kinase Inhibitors

No. of the last of

Inventor: Jacques Dumas et al.

Filed April 18, 2002, Serial No. PCT/US02/12064

No U.S. National Phase

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

Inhibitors Inventor: Bernd Riedl et al.

Filed: September 10, 2001, Serial No. 09/948,915

Claims pending as of 6/23/03 attached

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase

**Inhibitors** 

Inventor: Bernd Riedl et al.

Filed: January 12, 2001, Serial No. PCT/US00/00648

National Phase Serial No. 09/889,227 (pending as of 6/23/03)

Title: Inhibition of Raf Kinase Using Quinolinyl, Isoquinolinyl and

Pyridinyl Ureas

i Inventor: Jacques Dumas et al.

Filed February 7, 2001, Serial No. 09/777,920

Claims pending as of 6/23/03 attached

Title: Inhibition of Raf Kinase Using Quinolinyl, Isoquinolinyl

and Pyridinyl Ureas

Inventor: Jacques Dumas et al.

Filed: January 7, 2002, Serial No. PCT/US02/03361

No U.S. National Phase

Title: Method and/or Process for Preparing w-Carboxyaryl Substituted

Diphenyl Ureas as raf Kinase Inhibitors

Filed February 11, 2002, Serial No. 10/071,248

Claims pending as of 6/23/03 attached

Title: Omega-Carboxy Aryl Substituted Diphenyl Ureas as p38 Kinase

**Inhibitors** 

Inventor: Bernd Riedl et al.

Filed March 4, 2002, Serial No.10/086,417 Claims pending as of 6/23/03 attached

Title: Aryl Ureas With Angiogenisis Inhibiting Activity Inventor: Jacques Dumas, et. al. Filed February 11, 2003, Serial No.10/361,858 Claims pending as of 6/23/03 attached

Title: ω-Carboxyaryl Substituted Diphenyl Ureas as RAF Kinase **Inhibitors** Inventor(s): Riedl et al. Filed November 27, 2001, Serial No. 09/993,647 Claims pending as of 6/23/03 attached

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase **Inhibitors** Inventor(s): Riedl et al. Filed January 11, 2002, Serial No. 10/242,226 Claims pending as of 6/23/03 attached

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase **Inhibitors** 

Inventor: Riedl et al.

Filed: July 19, 2001, Serial No. 09/907,970 Claims pending as of 6/23/03 attached

Title: ω-Carboxyaryl Substituted Diphenyl Ureas As RAF Kinase **Inhibitors** 

Inventor: Riedl et al.

Filed: October 30, 2002, Serial No. 10/283,248

Claims pending as of 6/23/03 attached

Title: Aryl Urea Compounds In Combination with Other Cytostatic or Cytotoxic Agents ForTreating Human Cancers Inventor: Carter et al Filed December 3, 2002, S.N. 10/308,187 Claims pending as of 6/23/03 attached

Title: Aryl Ureas As Kinase Inhibitors Inventor: Jacques Dumas.

Filed: February, 11, 2003, S.N. 10/361,859 Claims pending as of 6/23/03 attached

Title: Aryl Ureas With raf Kinase and Angiogenisis Inhibiting Activity Inventor: Jaques Dumas Filed: February, 11, 2003, S.N. 10/361,844 Claims pending as of 6/23/03 attached

Title:Pyridine, Quinoline and Isoquinoline N-oxides as Kinase **Inhibitors** 

BAYER 25A

Inventor: Jacques Dumas Filed: February, 11, 2003, S.N. 10/361,850 Claims pending as of 6/23/03 attached

## **FEES**

A check in the amount of \$180.00 is enclosed for payment of the fees as required.

## **DEPOSIT ACCOUNT**

The Commissioner is hereby authorized to charge any further fees under 37 CFR § 1.16 and § 1.17 which may be required to facilitate this filing, or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

Richard J. Traverso (Reg. No. 30,595)

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Attorney Docket No.: BAYER 25A

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